

Northumbria Research Link

Citation: Trotter, Keith, Aryal, Komal and Melton, Emma (2012) Mutual alliances for local disaster risk reduction, response and resilience planning: a case study from Kathmandu. In: UK Fire and Rescue Services International Development & Humanitarian Aid Conference, 10-11 October, 2012, Manchester, UK.

URL:

This version was downloaded from Northumbria Research Link:
<http://nrl.northumbria.ac.uk/id/eprint/10027/>

Northumbria University has developed Northumbria Research Link (NRL) to enable users to access the University's research output. Copyright © and moral rights for items on NRL are retained by the individual author(s) and/or other copyright owners. Single copies of full items can be reproduced, displayed or performed, and given to third parties in any format or medium for personal research or study, educational, or not-for-profit purposes without prior permission or charge, provided the authors, title and full bibliographic details are given, as well as a hyperlink and/or URL to the original metadata page. The content must not be changed in any way. Full items must not be sold commercially in any format or medium without formal permission of the copyright holder. The full policy is available online: <http://nrl.northumbria.ac.uk/policies.html>

This document may differ from the final, published version of the research and has been made available online in accordance with publisher policies. To read and/or cite from the published version of the research, please visit the publisher's website (a subscription may be required.)



**Northumbria
University**
NEWCASTLE



UniversityLibrary



Strengthening Britain –Nepal Friendship
Helping hand in local humanitarian intervention

Mutual alliances for local disaster risk reduction, response and resilience planning: a case study from Kathmandu

Mr. Keith Trotter, Tyne and Wear Fire and Rescue Service

Dr. Komal Raj Aryal, Research Associate, Disaster and Development Centre, Northumbria University

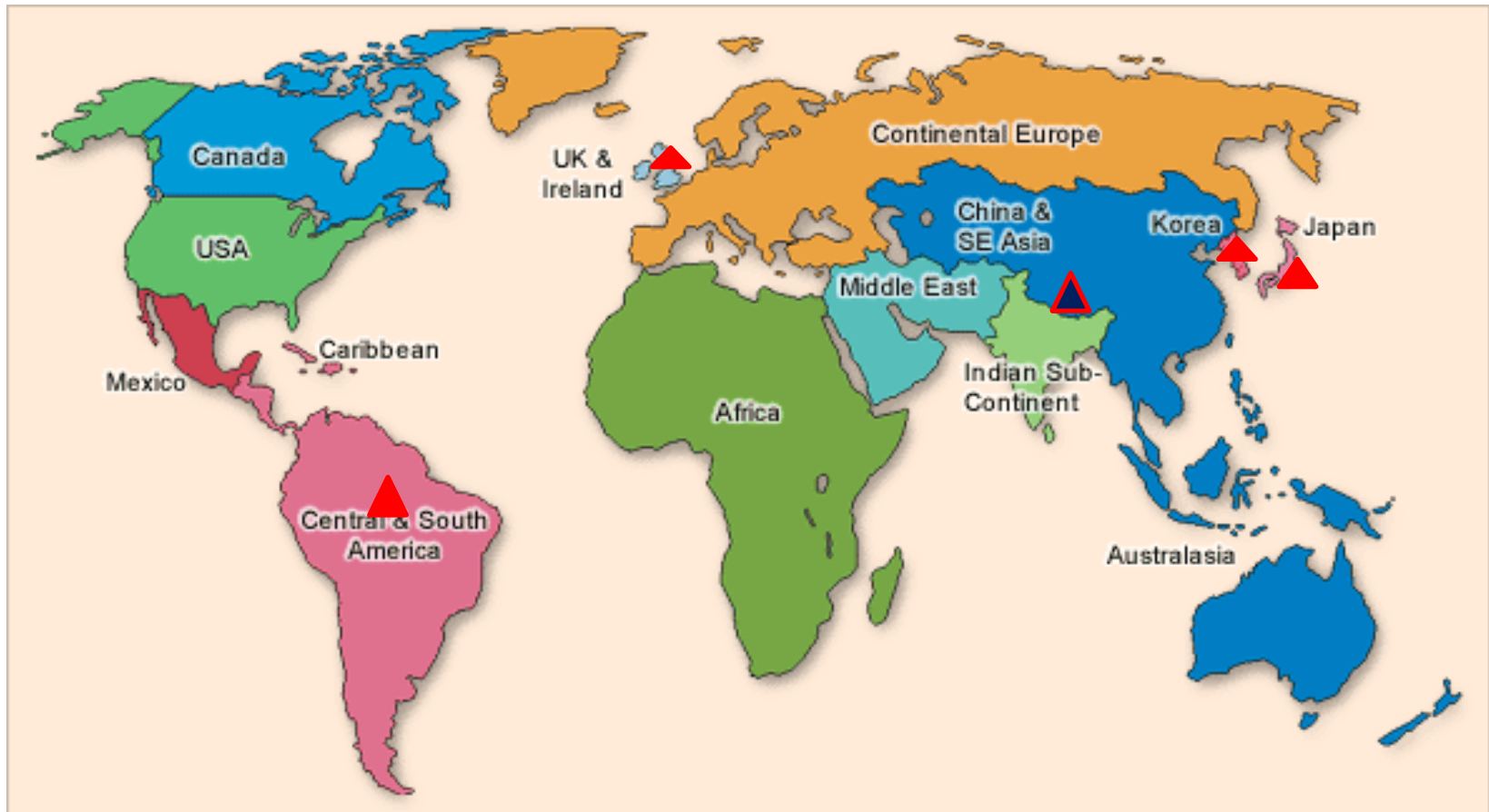
Miss. Emma Melton, FIREaid Kathmandu



Structure of our presentation

- Overall **introduction on international activities** between (TWFRS-NFRS-Northumbria University) - Mr. Keith Trotter, Tyne and Wear Fire and Rescue Service
- **Nepal project**- Dr. Komal Raj Aryal, Disaster and Development Centre at Northumbria University and Miss Emma Melton, FIREaid Kathmandu
- **Brazil project** –Mr. Keith Trotter, Tyne and Wear Fire and Rescue Service
- Questions

TWFRS-NFRS-Northumbria University Partnerships for Enhancing Local Disaster Risk Reduction (DRR), Response and Resilience Planning
(UK-NEPAL, BRZIL, JAPAN AND SOUTH KOREA)



Knowledge Sharing



Knowledge sharing and capacity building



In June, 2008



In August, 2012

**KATHMANDU METROPOLITAN CITY FIRE BRIGADE
NEW ROAD OFFICE**

First please allow us to introduce Kathmandu city's main hazards, risk and vulnerability

KATHMANDU : A SPRAWLING CITY



NEGLECTED SITE



UNMAINTAINED !!



CUTTING AGE NEPALESE ELECTRICITY



NEPALESE “NATIONAL GRID”



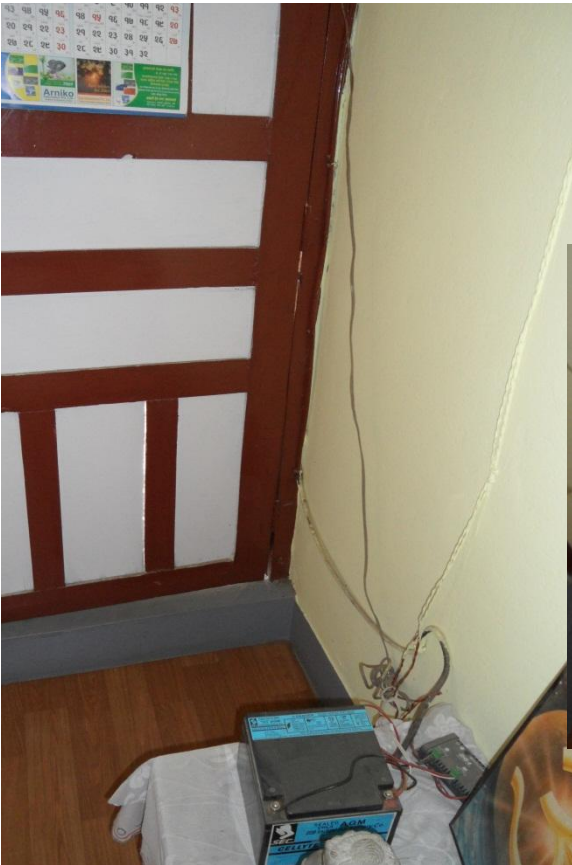
REACH FOR THE SKY



OVERLOADED



EVERY WHICH WAY BUT LOOSE !!!!



GOING DOWN



**THERE IS NOT ENOUGH DARKNESS IN ALL THE WORLD TO PUT OUT THE
LIGHT OF ONE SMALL CANDLE**



STREET CLEANING IN KATHMANDU



BIG BROTHER IS WATCHING YOU !!!!!



DAVID AND GOLIATH



NEPALESE SCHOOL BUS !



NEPALESE FIRE FIGHTER'S LIFE SAVING "MODERN" EQUIPMENT IN 2008



June, 2008- Kathmandu Nepal

Sean Mckee from Tyne and Wear Fire and Rescue Service, UK visited Kathmandu Fire Station with researchers from Northumbria University.



What they observed ?



July, 2008

- Reported to Mr. Iain Bathgate , Chief Fire Officer, Tyne and Wear Fire and Rescue Service
- Nearly 1 million people in the city = 39 fire fighters = 2 fire engines (one is not in working condition = No uniform for fire fighters = marginalised fire fighters
- One of the world's most popular tourist destinations.....lovely fire fightersand lovely people



November,2009

Mr. Iain Bathgate, Chief Fire Officer and Mr. Trevor Tague, Senior Fire Officer from Tyne and Wear Fire and Rescue Service visited Kathmandu in facilitation of Northumbria University.



Project Plan (FIREaid Kathmandu Project Plan)

After Tyne and Wear Chief Fire Officer Mr. Iain Bathgate's visit to Nepal :

Step 1: Complete administrative work in both ends (In Nepal and Tyne and Wear)

Step 2: Secure funding for transporting equipment to Nepal

Step 3: Equipment handling and management training at Kathmandu

Step 4: Community Safety and Awareness Training - including Disaster Risk Reduction (DRR), response and resilience planning.

Step 5 : Explore continuous support for Kathmandu Fire Brigade through networking, further fund raising and dissemination of project activities through news reports, conferences and academic writing.

Charity activities lead by Mr. Iain Bathgate with members of Tyne and Wear Fire and Northumberland Fire and Rescue Services (November, 2010- December, 2011)



18 January, 2012 MoU between KMC and TWFRS at Newcastle, UK



26 February 2012

Equipments and fire engine despatched to Kathmandu

28 February, 2012 Mr. Iain retired from his more than 35 years service in the TWFRS.

30 April, 2012

Fire engine is on its way to Kathmandu from Kolkata port , India



01 May 2012

Fire Truck and Equipment at Kathmandu Fire Brigade New Road Station, Nepal



This is our equipments !!!
Chief Fire Officer Lila is opening the
container...

Resources and adaptive city



Store before 01 May 2012



Store after 01 May 2012





01 May 2012

16:30: Fire Truck Arrived at New
Road Fire Station

19:00: Responded first urban fire in
Bal Mandir (orphanage house
compound)



03 May 2012



***Strengthening Britain- Nepal Friendship
Helping hand in local humanitarian intervention***

**In-house basic training on
Fire Fighting Equipments Management and Local Emergency Response**

Date: 14-22 May 2012

Venue: Kathmandu Fire Brigade New Road Station

Organised by

Kathmandu Metropolitan City
Kathmandu Metropolitan City Fire Brigade

In partnership with

Tyne and Wear Fire and Rescue Service, UK
Disaster and Development Centre
Engineering and Environment at Northumbria University, UK

Training contents

- Personal safety
- Breathing apparatus
- Fire engine driving, pumping, artificial ponds construction
- Equipment maintenance
- Road Traffic Collision (RTC) management
- Community safety and local disaster risk reduction awareness
- Local risk monitoring and resource mapping



Incident site visit



Social evening : we are from Newcastle !!!



Fire and Rescue Demonstration at Community Level





Fire fighters in November
2009!!!



Fire fighters in May 2012
!!!





Early tea meeting with Nepalese Prime Minister's Wife at PM residence , Kathmandu. Lila Raj Gachha Magar, Chief Fire Officer, KMC Fire Brigade organised the meeting.

Thank you!



Few news related to these activities in local printed media

<http://southasianmedia.net/Test21/DetailPage.aspx?StoryID=68673>

http://www.myrepublica.com/portal/index.php?action=news_details&news_id=35177

<http://www.kantipuronline.com/nepal/article/?id=3752>

Local Disaster Risk and Safety Awareness Programme

In-house training

on

Participatory risk , response and resilience planning

01-10 August 2012 , Kathmandu, Nepal

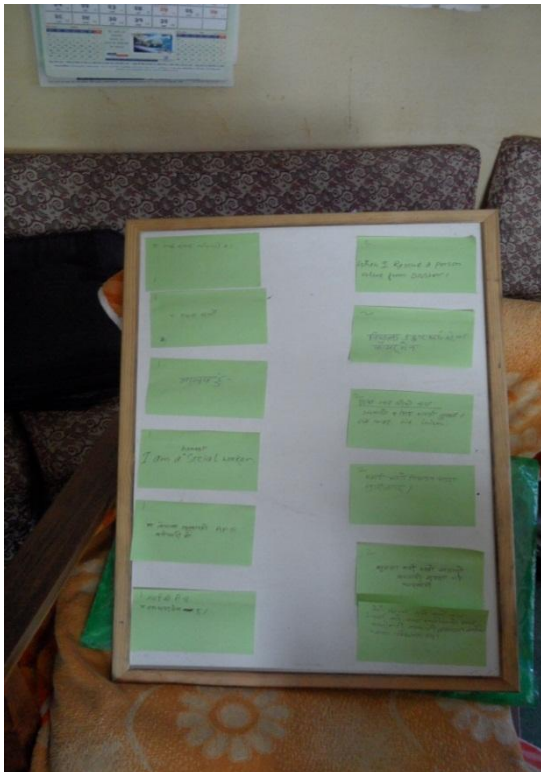


Dr. Komal Raj Aryal and Miss. Emma Melton
Northumbria University

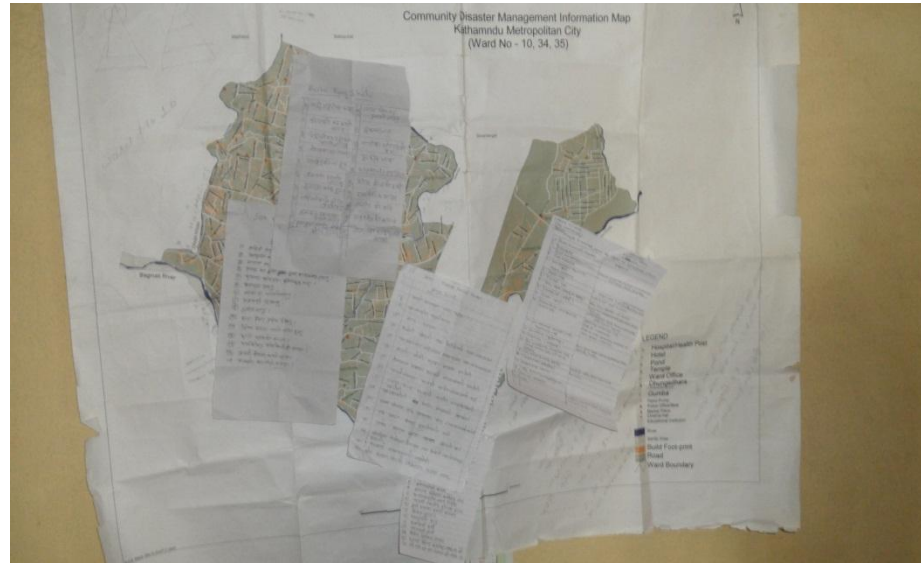
Training contents

- Personal safety
- Hyogo Framework for Action (HFA-2005-2015) and Disaster Risk Reduction (DRR)
- Post Hyogo Framework for Action 2015-2025 (possible activities at international, national and local levels)
- Community safety and local disaster risk reduction
- Local risk monitoring and resource mapping
- Risk communication (interpersonal and media)
- Simulation exercise planning
- Resilience planning

Bridging gaps between academic and front line humanitarian HEROs!



Communicate with policy makers and political leaders



Camera lost !!
Photo: Meeting with Political
leaders and senior local
government officials

Community Safety Awareness Programme



Regular training and knowledge sharing from visiting professional fire fighters





Kathmandu Metropolitan City Fire Fighters Pledge

I promise concern for others Willingness for all those in need. I promise courage - courage to face and conquer my fears Courage to share and endure the ordeal of those who need me. I promise strength - strength of heart to bear whatever burdens Might be placed upon me. Strength of body to deliver safety. All those placed within my care I promise the wisdom to lead, the compassion to comfort And the love to serve unselfishly whenever I am called

If you are in emergency please call us **101**

*Sponsored by :-
Kathmandu Metropolitan City Fire Brigade & FIRE aid*

*J.P Dhakal
Civilian Fire Fighter KMC*



Tyne and Wear
FRS,UK

Northumbria
University ,UK

Northumberland
FRS,UK


In June,2008

Quicklay fire
attack,
Australia

Bered-&
Redningsberedskb
FRS, Denmark

In August,2012





Dear fire fighters from
Tyne and Wear and
Northumberland,
Thank you very much for
your support !

Brazil Project



How city is located ?



Impacts of flood and landslides (January 2011)?



Impacts of floods and landslides (January 2011)?



Impacts of floods and landslides (January 2011)?



Impact in local business



New safety measures



Physical Environment



New safety measures based on local knowledge



Slope stability: a new safety measures



Bringing technology , safety knowledge and people together!



Lesson learned: providing resources without local knowledge makes local humanitarian intervention difficult



Real Heroes !!



Thank you very much for listening !
Any question please !!!